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PTO/SB/21 (09-04)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission	9	Application Number	Patent#: 7,024,445
		Filing Date	Issued: April 4, 2006
		First Named Inventor	Jieming Qi
		Art Unit	2193
		Examiner Name	T. V. Mai

Attorney Docket Number A0312.70418US00

### ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Suppl. Request for Certificate of Correction Pursuant to 37 CFR 1.322
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	Suppl. Certificate of Correction
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	Original Req. for Cert. of Correc. Documents & Issued Cert. of Correction
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Remarks	Return Receipt Postcard
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	The Director is authorized to charge deposit account no. 23/2825 for any fee deficiency incurred with this filing.	

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	WOLF, GREENFIELD & SACKS, P.C.		
Signature	<i>William R. McClellan</i>		
Printed name	William R. McClellan		
Date	September 5, 2006	Reg. No.	29,409

Certificate  
SEP 12 2006  
of Correction

### Certificate of Mailing Under 37 CFR 1.8(a)

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Mail Stop Certificate of Correction Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: September 5, 2006

Signature: *Doris A. Champagne* (Doris A. Champagne)

1073613

SEP 13 2006



Docket No.: A0312.70418US00  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jieming Qi  
Patent No.: 7,024,445  
Issue Date: April 4, 2006  
Serial No.: 10/039,867  
Filed: December 20, 2001  
Confirmation No.: 8359  
For: METHOD AND APPARATUS FOR USE IN BOOTH-ENCODED MULTIPLICATION  
  
Examiner: T. V. Mai  
Art Unit: 2193

**Certificate of Mailing Under 37 CFR 1.8(a)**

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Dated: Sept. 5, 2006

*Doris A. Champagne*  
Doris A. Champagne

**SUPPLEMENTAL REQUEST FOR CERTIFICATE OF CORRECTION  
PURSUANT TO 37 CFR 1.322**

Attention: Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Upon reviewing the Certificate of Correction dated August 22, 2006 for the above-identified patent, Patentee noted a typographical error which should be corrected.

In claim 29, col. 16, line 43, it was originally requested to change ‘aa<sub>1,-1</sub>’ to “aa<sub>1,-1</sub>”. However, the Certificate of Correction lists the correction as “aa<sub>1,-1</sub>”. Copies of the original Request for Certificate of Correction documents and the issued Certificate of Correction are enclosed.

Since the error was not made by the Applicant, it is believed that no fee is required.

Transmitted herewith is a supplemental Certificate of Correction effecting this change.  
Patentee respectfully requests the granting of the supplemental Certificate of Correction.

Dated: September 5, 2006

Respectfully submitted,

By William R. McClellan

William R. McClellan

Registration No.: 29,409

WOLF, GREENFIELD & SACKS, P.C.

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	Patent#: 7,024,445
		Filing Date	Issued: April 4, 2006
		First Named Inventor	Jieming Qi
		Art Unit	2193
		Examiner Name	T. V. Mai
Total Number of Pages in This Submission	4	Attorney Docket Number	A0312.70418US00

## ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
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<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Request for Certificate of Correction Pursuant to 37 CFR 1.322
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	Certificate of Correction
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	<input type="checkbox"/> Remarks	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	WOLF, GREENFIELD & SACKS, P.C.		
Signature			
Printed name	William R. McClellan		
Date	May 17, 2006	Reg. No.	29,409

### Certificate of Mailing Under 37 CFR 1.8(a)

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Mail Stop Certificate of Correction Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: May 17, 2006

Signature: (Paula K. Fairweather)



Docket No.: A0312.70418US00  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Jieming Qi  
Patent No.: 7,024,445  
Issue Date.: April 4, 2006  
Serial No.: 10/039,867  
Filed: December 20, 2001  
Confirmation No.: 8359  
For: METHOD AND APPARATUS FOR USE IN BOOTH-ENCODED MULTIPLICATION  
Examiner: T. V. Mai  
Art Unit: 2193

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Dated: May 17, 2006

Paula K. Fairweather  
Paula K. Fairweather

**REQUEST FOR CERTIFICATE OF CORRECTION  
PURSUANT TO 37 CFR 1.322**

Attention: Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450-i-1  
Alexandria, VA 22313-1450

Dear Sir:

Upon reviewing the above-identified patent, Patentee noted typographical errors which should be corrected.

In the Claims:

In claim 4, col. 14, line 22, change 'claim' to "claims"

In claim 25, col. 16, line 11, change 's<sub>2</sub>aa<sub>2</sub>' to "s<sub>2</sub>aa<sub>2</sub>".

In claim 29, col. 16, line 42, change 'a<sub>i, i-1</sub>' to "a<sub>i, a<sub>i-1</sub></sub>".

In claim 29, col. 16, line 43, change 'aa<sub>1,1</sub>' to "aa<sub>1, -1</sub>".

In claim 29, col. 16, line 47, change 'a<sub>i,1</sub> NOT(b<sub>j+1</sub>)' to "a<sub>i-1</sub> NOT(b<sub>j+1</sub>)".

The errors were not in the application as filed by applicant; accordingly no fee is required.

Transmitted herewith is a proposed Certificate of Correction effecting such amendment. Patentee respectfully solicits the granting of the requested Certificate of Correction.

Dated: May 17, 2006

Respectfully submitted,

By William R. McClellan  
William R. McClellan  
Registration No.: 29,409  
WOLF, GREENFIELD & SACKS, P.C.  
Federal Reserve Plaza  
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Boston, Massachusetts 02210-2206  
(617) 646-8000

**UNITED STATES PATENT AND TRADEMARK OFFICE**  
**SUPPLEMENTAL CERTIFICATE OF CORRECTION**

Page 1 of 1

PATENT NO. : 7,024,445  
 APPLICATION NO. : 10/039,867  
 ISSUE DATE : April 4, 2006  
 INVENTOR(S) : Jieming Qi

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In claim 29, col. 16, line 43, change 'aa<sub>1-1</sub>' to "aa<sub>1,-1</sub>".

**Certificate of Mailing Under 37 CFR 1.8(a)**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Attention: Certificate of Correction Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: Sept. 5, 2006

Signature: Doris A. Champagne (Doris A. Champagne)

MAILING ADDRESS OF SENDER (Please do not use customer number below):

William R. McClellan  
 WOLF, GREENFIELD & SACKS, P.C.  
 Federal Reserve Plaza  
 600 Atlantic Avenue  
 Boston, Massachusetts 02210-2206

**UNITED STATES PATENT AND TRADEMARK OFFICE**  
**CERTIFICATE OF CORRECTION**

Page 1 of 1

PATENT NO. : 7,024,445  
 APPLICATION NO. : 10/039,867  
 ISSUE DATE : April 4, 2006  
 INVENTOR(S) : Jieming Qi

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

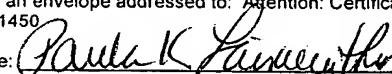
In the Claims:

- In claim 4, col. 14, line 22, change ‘claim’ to “claims”.
- In claim 25, col. 16, line 11, change ‘s<sub>2</sub>aa<sub>-2</sub>’ to “s<sub>-2</sub>aa<sub>-2</sub>”.
- In claim 29, col. 16, line 42, change ‘a<sub>i, i-1</sub>’ to “a<sub>i, a<sub>i-1</sub></sub>”.
- In claim 29, col. 16, line 43, change ‘aa<sub>1,-1</sub>’ to “aa<sub>1, -1</sub>”.
- In claim 29, col. 16, line 47, change ‘a<sub>-1</sub> NOT(b<sub>j+1</sub>)’ to “a<sub>i-1</sub> NOT(b<sub>j+1</sub>)”.

**Certificate of Mailing Under 37 CFR 1.8(a)**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Attention: Certificate of Correction Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Dated: May 17, 2006

Signature:  (Paula K. Fairweather)

**MAILING ADDRESS OF SENDER (Please do not use customer number below):**

William R. McClellan  
 WOLF, GREENFIELD & SACKS, P.C.  
 Federal Reserve Plaza  
 600 Atlantic Avenue  
 Boston, Massachusetts 02210-2206

UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

PATENT NO. : 7,024,445 B2  
APPLICATION NO. : 10/039867  
DATED : April 4, 2006  
INVENTOR(S) : Jieming Qi

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Claims:

In claim 4, col. 14, line 22, change 'claim' to "claims".

In claim 25, col. 16, line 11, change 's<sub>2</sub>aa<sub>-2</sub>' to "s<sub>-2</sub>aa<sub>-2</sub>".

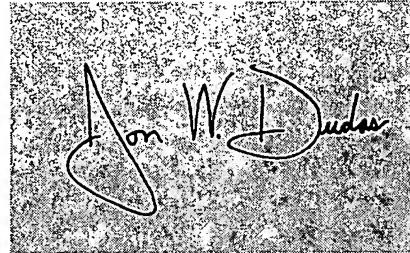
In claim 29, col. 16, line 42, change 'a<sub>i, i+1</sub>' to "a<sub>i, a<sub>i+1</sub></sub>".

In claim 29, col. 16, line 43, change 'aa<sub>i-1</sub>' to "aa<sub>i, i</sub>".

In claim 29, col. 16, line 47, change 'a<sub>i</sub> NOT(b<sub>j+1</sub>)' to "a<sub>i</sub> NOT(b<sub>j+1</sub>)".



Signed and Sealed this  
Twenty-second Day of August, 2006



JON W. DUDAS  
Director of the United States Patent and Trademark Office

SEP 18 2006